

137-58-6-11896

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 101 (USSR)

AUTHOR: Saakyan, P.S.

TITLE: Production of High-purity Aluminum by Electrolysis of a Cryolite-alumina Melt (Polucheniye alyuminiiya povyshennoy chistoty pri elektrolize kriolito-glinozemnogo rasplava)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 8, pp 69-72

ABSTRACT: Analysis of the operation of electrolyte baths (B) of the Kanaker aluminum plant in Armenia establishes that the purity of Al may be improved by reducing the quantity of impurities in the raw materials and the fluorine salts (FS), cutting down the consumption thereof, and also by reducing the access of impurities into the B from the lining and via dust. In work to produce high-purity (HP) Al containing $> 99.85\%$ Al it is recommended that, during the period that the bath is working to produce fused grade A00, a bottom crust be developed in the bath, as impurities from the electrolyte concentrate therein. Then the process should proceed to the production of HP metal by adding traces of Al_2O_3 and FS. Anode effects tending to dissolve the bottom crust should be eliminated during this period.

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Production of High-purity (cont.)

The bottom crust should be partially dissolved at intervals by switching to a hotter B and production of metal of lower purity. The bottom crust also protects the B hearth against destruction and increases its service life. Conversion to this procedure has made it possible for the plant to achieve an average reduction of the contents of foreign substances such as Si from 0.151 to 0.098% and Fe from 0.138 to 0.0881%, and to raise the yield of HP Al from 1.7 to 27.4% and of fused aluminum oxides and HP Al from 86.8 to 97.9%.

Ye.Z.

1. Aluminum--Production
 2. Aluminum--Impurities
 3. Aluminum--Quality control
- Aluminum oxides cryolite--Electrolysis

Card 2/2

281000 1013, 1031, 1070, 2508

S/103/60/021/006/023/027/XX
B019/B063

AUTHORS: Sarkisyan, E. P., Agababyan, M. M., Saakyan, P. S. (Yerevan)

TITLE: A Self-adjusting System for the Automatic Control of the Process of Electrolytic Aluminum Production by Means of a Computer Device

PERIODICAL: Avtomatika i telemekhanika, 1960, Vol. 21, No. 6, pp. 806-811

TEXT: The present paper describes an automatic control system for the electrolytic production of aluminum, which is intended to improve the efficiency of this process and the protection of the operating personnel from dangerous gases. The electrolytic tank is considered a closed thermodynamic system in which current, aluminum oxide, and electrolyte are stabilized. This novelty makes it possible to collect the emanating gases and to introduce aluminum oxide continuously. The position of the anode is controlled by the computer device. The system described here was designed, installed, and tested at the Kanakerskiy alyuminiyevyy zavod (Kanaker Aluminum Plant). The new apparatus meets all requirements of

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A Self-adjusting System for the Automatic Control of the Process of Electrolytic Aluminum Production by Means of a Computer Device

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B019/B063

automation. The gradual introduction of aluminum oxide is controlled by continuous measurement of its concentration. The system described here is highly efficient. Explanation of the block diagram: 1) anode drive; 2) controller; 3) measurement of the cryolite content; 4) Al oxide feeder; 5) signal converter; 6) switchboard; 7) electrolytic tank; 8) pickups; 9) measuring element; 10) sensitive element; 11) final control element.

There are 2 figures.

Card 2/3

VASIL'YEV, Petr Vasil'yevich; YERSHOV, A.D.; glavnnyy red.; KREYTER, V.M.,
zam. glavnogo red.; KALMYKOV, G.S., red; BRITAYEV, M.D., red.;
KRASNIKOV, V.I., red.; MALYSHEV, I.I., red.; MOMDZHI, G.S., red.;
SAAKYAN, P.S., red.; SMIRNOV, V.I., red.; SOLOV'YEV, D.V., red.;
CHERNOVITOV, Yu.L., red.; KHRUSHCHOV, N.A., red.; PANOV, A.I.,
red.izd-va; GUROVA, O.A., tekhn.red.

[Coal] Ugol'. Moskva, Gos.nauchn.-tekhn.izd-vo lit-ry po geol.
i okhrane nedr, 1960. 343 p. (Otsenka mestorozhdenii pri
poiskakh i razvedkakh, no. 5) (MIRA 14:2)
(Mine examination) (Coal)

VINOGRADOV, Sergey Sergeyevich; YERSHOV, A.D., glavnnyy red.; KREYTER, V.M.,
zamestitel' glavnogo red.; GRIGOROVICH, M.B., red.vypuska;
KRASNIKOV, V.I., red.; MOMDZHI, G.S., red.; SANKYAN, P.S., red.;
SMIRNOV, V.I., red.; KHRUSHCHOV, N.A., red.; CHERNOSVITOV, Yu.L.,
red.; NEMANOVA, G.F., red.izd-va; BORISOV, A.S., tekhn.red.

[Dolomites] Dolomity. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry
po geologii i okhrane nedr, 1961. 173 p. (Otsenka mestorozhdenii
pri poiskakh i razvedkakh, no.17) (MIRA 14:11)
(Dolomite)

AL'TGAUZEN, M.N.; GINZBURG, I.I.; DUBOVSKAYA, M.V.; YERSHOV, A.D.;
MELKOV, V.G.; OS'KIN, N.I.; ROZHKOVA, Ye.V.; STRAKHOV, N.M.;
KHRUSHCHOV, N.A.; SHMANECHKOV, I.V.; SHCHERBAKOV, D.I.;
YANSHIN, A.L.; AMIRASIANOV, A.A.; GOTMAN, Ya.D.; ZUBREV, I.N.;
KOROVYAKOV, I.A.; ORLOVA, P.V.; PASOVA, F.G.; SAAKYAN, P.S.;
TERENT'YEVA, K.F.; SHANOBSKIY, L.M.; CHERNOVITOV, Yu.L.;
SHCHERBINA, V.V.

IUrii Konstantinovich Goretskii; obituary. Sov.geol. 4 no.12:
153-155 D '61. (MIRA 15:2)
(Goretskii, Iuri Konstantinovich, 1912-1961)

KHRUSHCHOV, N.A.; YERSHOV, A.D., glavnnyy red.; KREYTER, V.M., zamestitel' glavnogo red.; BUTKEVICH, T.V., red.vypuska; KRASNIKOV, V.I., red.; MOMDZHI, G.S., red.; SAAKYAN, P.S., red.; SMIRNOV, V.I., red.; CHERNOVITOV, Yu.L., red.; ENTIN, M.L., red.izd-va; GUROVA, O.A., tekhn.red.

[Molybdenum] Molibden. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po geol.i okhrane nedr, 1961. 269 p. (Otsenka mestorozhdenii pri poiskakh i razvedkakh, no.19). (MIRA 15:4)
(Molybdenum ores--Sampling and estimation)

SAAKYAN, P.S.

Baku, 18-23 Sept 1962
Regularities in the Formation and Distribution of Endogenous
Mineral Resource Deposits,
The Third All-Union Conference on...
(19)

5/011/63/000/001/002/002
A006/A101

Group 2 included reports on endogenous deposits in other synclinal regions, such as mercury formations in Siberia and the Far East (V. A. Kuznetsov), pyrite deposits in the Ural (S. N. Ivanov), Kimeridgian and Alpine metallogeny in Uzbekistan (I. Kh. Khamrabayev); ore region types in the Pacific area (Ye. A. Radkevich); metallogeny in Tadzhikistan (K. I. Litvinenko); hydrothermally transformed rocks in the Trans-Carpathian region (M. Yu. Fishkin) peculiarities in magmatism and metallogeny of the Mountainous Crimea (V. I. Lebedinskiy), antimony-mercury fields (M. A. Karasik) and others. Group 3 included reports on the classification of metallogenous zones and provinces of the Earth crust (D. I. Gorzhevskiy); classification of metallogenous zone types of the Earth crust (V. N. Kozerenko); classification of magmatogenous non-metallic mineral resources as a basis of prognoses and prospecting (V. F. Petrov); types of metallogenous provinces in synclinal regions of the USSR (A. I. Semenov); principles of geological zoning on the example of Central Asia (K. L. Babayev); comparative characteristics of metallogeny in Malyy Caucasus and the Kamchatka-Koryak zone (I. G. Magak'yan), some particularities of metallogeny in the Mediterranean geosynclinal region (G. A. Tvalchrelidze); rootless plutons and some peculiarities in the magmatism of moving zones (A. P. Lebedev); paragenetic ore complexes (P. S. Saakyan) the part of deep-lying breaks in metallogeny of syncline regions on the example of the Caucasus (E. Sh. Shikhali-beyli). The closing report was read by A. V. Sidorenko, Minister of Geology and Preservation of Mineral Resources of the USSR.

Investiya Akademii Nauk SSSR, Seriya Geologicheskaya, No. 1, 1963, pp 126-128

ISAYENKO, M.P.; RUSINOV, L.A.; SAAKYAN, P.S.; SERDYUKOVA, A.S.;
TARKHOV, A.G.

Review of [prof., deceased] A.A. IAkzhin's book "Prospecting
for uranium deposits." Izv. vys. ucheb. zav.; geol. i razv. 6
no.2:127-130 F '63. (MIRA 16:6)

1. Moskovskiy geologorazvedochnyy institut im. S. Ordzhonikidze.
(Uranium ores)
(IAkzhin, A.A.)

SAAKYAN, P.S.

Determining indices of the electrolytic production of aluminum by
the anodic gas composition. TSvet. met. 36 no.3:32-36 Mr '63.
(MIRA 16:5)
(Aluminum--Electrometallurgy)

SAAKYAN, P.S.

Measuring current efficiency by anodic gases in the electrolysis of
aluminum. TSvet. met. 36 no.12:38-44 D '63. (MIRA 17:2)

SAAKYAN, P.S.

Paragenetic ore complexes as a basis for metallogenetic studies.
Zakonom.razm.polezn.iskop. 7:392 '64. (MIRA 17:6)

1. Vsesoyuznyy institut mineral'nogo syr'ya.

SAAKYAN, R.A.

Probability of discovering eclipsing variables. Slob.Biur.obser.
10:3-50 '52. (MLRA 7:9)
(Stars, Double)

SAAKIAN, R.A.

SHCHIGOLEV, B.M.

"Probability of discovering eclipsing variables." R.A.Saakian.
Reviewed by B.M.Shchigolev. Per.zvezdy 9 no.5:346-348 Je '54.
(Stars, Variable) (Saakian, R.A.) (MIRA 7:8)

SAAKYAN, R.A.

Distribution function of double stars according to differences of
stellar magnitude component obtained from statistical data. Dokl.
AN Arm. SSR 19 no.5:129-136 '54. (MIRA 8:7)

1. Byurakanskaya astrofizicheskaya observatoriya Akademii nauk
Armyanskoy SSR. Predstavleno V.A. Ambartsumyanom.
(Stars, Double)

SAAKYAN, R.A.

Distribution function of close binary stars based on the sum of
relative radii of components. Soob.Biur.obser. no.24:73-89
'58. }
(MIRA 11:12)

1. Byurakanskaya astrofizicheskaya observatoriya AN ArmSSR.
(Stars, Double)

SAAKYAN, R.A.

Formation of binary stars by attraction. Dokl. AN Arm. SSR
26 no.1:3-9 '58. (MIRA 11:5)

1. Byurakanskaya astrofizicheskaya observatoriya Akademii nauk
Armyanskoy SSR. Predstavleno V.A. Ambartsumyanom.
(Stars, Double)

3(1)

AUTHOR:

Saakyan, R.A.

SOV/22-12-1-7/8

TITLE:

The Distribution Function of Narrow Binaries in Dependence
of the Difference of the Star Magnitudes of the Components
(Funktsiya raspredeleniya tesnykh dvoynykh po raznitsam
zvezdnykh velichin komponent)

PERIODICAL:

Izvestiya Akademii nauk Armyanskoy SSR, Seriya fiziko-matemati-
cheskikh nauk, 1959, Vol 12, Nr 1, pp 93-98 (USSR)

ABSTRACT:

The author determines the distribution function of narrow double stars under consideration of the selectivity of the observations. The determination is carried out by means of the formula:

$$(1) \quad p = \frac{r_1 + r_2}{a}$$

of Gramatzki [Ref 1] and of the formula

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Card 1/2

The Distribution Function of Narrow Binaries
in Dependence of the Difference of the Star Magnitudes of the Components

SOV/22-12-1-7/8

$$(2) \quad W = 2 D (1 - 2 D) \frac{(0.73 A)^2}{1 + (0.73 A)^2} f(m)$$

of the author [Ref 2]. Here are : r_1 , r_2 the radii of the components, a the distance between the components, A the amplitude, $f(m) = 1 - 0.062 m$, D the ratio of the darkness to the period, W the probability of discovery when comparing 2 plates. The formula obtained by the author under numerous simplifications and assumptions from (1) and (2) shows that for $\Delta m \leq 5^m$ the distribution functions of the narrow and visual double stars are almost equal ; for $\Delta m > 5^m$ the functions are completely different. - There are 8 tables and 7 references, 6 of which are Soviet, and 1 German.

ASSOCIATION: Byurakanskaya astrofizicheskaya observatoriya AN Armyanskoy SSR
(Byurakan Astrophysical Observatory, AS Armenian SSR)

SUBMITTED: December 15, 1958

Card 2/2

SAAKYAN, R.A.

Distances between components of visibly binary stars. Dokl. AN Arm.
SSR 29 no.2:63-71 '59. (MIRA 12:11)

1. Byurakanskaya astrofizicheskaya observatoriya Akademii nauk Arm-
yanskoy SSR. Predstavлено akademikom V.A. Ambartsumyanom.
(Stars, Double)

SAAKYAN, R.A.

Deformation of galaxies during collisions. Dokl. AN Arm. SSR
31 no.1:19-27 '60. (MIRA 13:9)

1. Byurakanskaya astrofizicheskaya observatoriya AN ArmSSR.
Predst. akad. V.A. Ambartsumyanom.
(Galaxies)

SAAKYAN, Ruben Arutyunovich; AMBARTSUMYAN, V.A., otv. red.; SLKUNI, A.G., red. izd-va; KAPLANYAN, M.A., tekhn. red.

[Probability of capture in the problem of three bodies] O ver-
roiatnosti zakhvata v zadache trekh tel. Erevan, Izd-vo Akad.
nauk Armianskoi SSR, 1961. 55 p. (MIRA 15:12)
(Problem of three bodies)

41496
S/033/62/039/005/010/011
E032/E314

AUTHOR: Saakyan, R.A.

TITLE: Additional acceleration in the motion of celestial bodies

PERIODICAL: Astronomicheskiy zhurnal, v. 39, no. 5, 1962,
931 - 937

TEXT: It is pointed out that when the centre of mass of a system of two bodies executes a curvilinear motion an additional acceleration appears in the equation for the relative motion of the two bodies. This additional acceleration is given by:

$$\mathbf{s} = 2[\bar{\mathbf{U}}_r \bar{\omega}] + [\bar{\omega} [\bar{\mathbf{a}} \bar{\omega}]] + [\bar{\mathbf{a}} \cdot \frac{d\bar{\omega}}{dt}] \quad (8)$$

where $\bar{\omega}$ is the angular velocity of the centre of gravity, \bar{U}_r/dt is the velocity of relative motion in the centre-of-mass system, \bar{a} is the distance between the two bodies and the square brackets represent vector products. This additional acceleration is said to be a real effect, independent of the choice of the coordinate system. It gives rise to a force

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SAAKYAN, R.A.

High and low tides. Soob. Biur. obser. no.32:41-69 '63.
(MIRA 16:7)
(Tides)

Saakyan, R.G.

SISAKYAN, N.M.; YEGOROV, I.A.; SAAKYAN, R.G.

Intensity of biochemical reactions in the sherry process. Biokhim.
vin. no.3:57-68 '50. (MIRA 7:10)

1. Institut biokhimii imeni A.N.Bakha. 2. Institut vinodeliya i
vinogradarstva AN Armyanskoy SSR.
(Sherry)

SAAKYAN, R.G.

USSR.

The physico-biochemical characteristics of frost-resisting grapevines. R. G. Siaakyan. *Biohim. Vinodiliya. Sbornik* 4, 228-35 (1953). The greatest period of activity of peroxidase is during the fall, when there is a decrease in the temp. of the air. During vegetation the frost-resistant type grape (I) sharply differs from the nonfrost-resistant type (II) in the activity of the peroxidase of the leaves. The activity of the peroxidase is an indication of the extent of the frost-resistance of the vine. During the growing period of grapes in mountainous regions with bleak climates the activity of peroxidase in the leaves increases. The shoots of I differ from II by the presence of larger amounts of sucrose and the ratio sucrose to monosaccharides is larger. S. B. Radina.

SAAKYAN, R.G.

Some features in the carbohydrate metabolism of the grapevine in connection with its degree of frost resistance. Izv.AN Arm.SSR.
Biol.i sel'khoz.nauki 6 no.7:77-82 '53. (MLRA 9:8)

1. Institut vinodeliya i vinogradarstva Ministerstva legkoy i pishchevoy promyshlennosti Armyanskoy SSR.
(Grapes) (Carbohydrate metabolism)

SAAKIAN, R. G.

"Biochemical Characteristics of a Frost-Resistant Grape Vine." Cand Biol Sci, Department of Biological Sciences Acad Sci Armenian SSR, Yerevan, 1954. (IL, No 10, Mar 55)

So: Sum. No 670, 29 Sept 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (15)

SASKYAN, R. G.

USSR/Biology - Biochemistry

Card : 1/1

Authors : Afrikyan, B. L., Marutyan, S. A. and Saskyan, R. G.

Title : Forms of reserve carbohydrates in grape vines

Periodical : Dokl. AN SSSR, 96, Ed. 6, 1195 - 1196, June 1954

Abstract : The basic reserve carbohydrate in perennial plants including grape vines is starch. Experimental data show that hemicellulose in addition to starch is also a reserve carbohydrate found in grape vines, the latter takes an active part in the carbohydrate exchange of the plant. Nine references. Graphs.

Institution : Ministry of Food Industry Arm-SSR, Institute of Viti- and Viniculture

Presented by : Academician A. L. Kursanov, March 18, 1954

USSR/Cultivated Plants - Fruits. Berries.

M.

Nos Jour : Rer Zhur - Biol., No 10, 1958, 44329

Author : Saikyan, R.G.

Inst : Institute for Viticulture and Winemaking, AS Armenian SSR

Title : On the Biochemical Peculiarities of Winter Resistance in
the Grapevine.

Orig Pub : Tr. In-t vinogradarstva i vinodeliye AN ARmSSR, 1956, vyp.
2, 151-174.

Abstract : In order to establish the connection between the winter
resistance of the grapevine and the peculiarities of the
effect of oxidizing-reducing ferments and of the carbohy-
drate metabolism, the activity of peroxidase and dehydra-
se was determined in the shoots and the leaves of compara-
tively winter resistant Michurin and slightly winter resis-
tant local varieties.

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USSR/Cultivated Plants - Fruits. Berries.

M.

Abs Jour : Ref Zhur . Biol., No 10, L958, 44326

In the leaves and in the shoots of winter resistant varieties the activity of peroxidase was higher than in the non-resistant varieties. It rose especially during the period of formation and during the physiological maturity of the berries and it also rose at the end of the vegetation period in connection with the drop in the temperature of the air. No regularity in the relationship between the dehydrase activity and the degree of the winter resistance in the grapevine was established. In the process of lignification of the shoots the aggregate of the water soluble sugars drops and the quantity of the starch rises. During the entire period of vegetation the winter resistant varieties contained large amounts of starch and of hemicellulose. During the period of fall-winter rest the reserve forms of carbohydrates transform into the soluble forms of sugars with the rise in the temperature of the air.

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amount of starch increases. Hemicellulose is also a reserve form of carbohydrates and takes part in the carbohydrate metabolism of the grapevine. -- P.Ye. Tsekhnistrenko.

Card 4/4

SAAKYAN, R.G.

Certain biochemical processes in grape varieties differing in
their frost resistance. Fiziol.rast. 6 no.2:219-221 Mr-Ap '59.
(MIRA 12:5)

1. Viticulture and Fruit growing Institute, Erevan.
(Grapes--Varieties)
(Plants--Frost resistance)

PETROSYAN, G.P.; SAAKYAN, R.G.

Effect of soil salinization on carbohydrate metabolism in grape
berries. Izv. AN Arm. SSR. Biol. nauki 14 no.9:31-38 S '61.
(MIRA 14:9)

1. Institut pochvovedeniya a agrokhimii Ministerstva sel'skogo
khozyaystva Armyanskoy SSR.
(ARAS LOWLAND—VITICULTURE)
(PLANTS, EFFECT OF SALTS ON) (SUGARS)

SAAKYAN, R.G.; KARAPETYAN, L.M.

Nucleic acids in the grapevine. Dokl. AN SSSR 146 no.1:215-216
(MIRA 15:9)
S '62.

1. Predstavleno akademikom N.M. Sisakyanom.
(Nucleic acids) (Grapes)

SAAKYAN, R.G.

Relation between the resistance to frost of the grapevine and its biochemical characteristics. Biokhim. vin. no.7:5-15 '63. (MIRA 16:4)

1. Nauchno-issledovatel'skiy institut vinogradarstva, vinodeliya i plodovodstva Ministerstva sel'skogo khozyaystva Armyanskoy SSR..
(Grapes) (Plants—Chemical analysis)

SARAYAN, R. . . ; PETROGYAN, G.P.

Effect of soil salinization on the content of nucleic acids and
nitrogenous substances in grape leaves. Fiziol. rast. 11 no.4:
681-688 Jl-ag '64. (MIRA 17:11)

i. Scientific-Research Institute of Soil Science and Agrochemistry,
Yerevan.

PETROSYAN, G.P.; SAAFIYAN, R.G.; KARAPETYAN, L.M.

Effect of the soda salinization of soil on the amino acid composition of grapevine leaves and shoots. Izv. AN Arm. SSR. Biol. nauki 17 no.5:19-27 My '64. (MIRA 17:9)

1. Institut pochovedeniya i agrichimii Ministerstva proizvodstva i zagotovok sel'skokhozyaystvennykh produktov Armyanskoy SSR.

23745

S/107/61/000/008/003/004
D227/D305

9.4110

AUTHOR:

Saakyan, S. (Tbilisi)

TITLE:

Using ordinary radio tubes as electrometric tubes

PERIODICAL: Radio, no. 8, 1961, 52

TEXT: Analysis of numerous ordinary tubes showed that 2 π 2 π (2P2P), 2 π 1 π (2P1P), 1K1 π (1K1P) and 1 π 2 β (1P2B) tubes were most suitable for use in an electrometric role in d.c. amplifiers intended for measuring microcurrents. These tubes, however, generally reveal great divergence in parameters between different tubes of the same type number, due to the fact that the total current of the control grid is made up of several components which in turn are affected by the production technology. Out of a batch of 100 only 15-20 tubes will normally be suitable for electrometric use. The various components of the total grid current are: electronic component, ionic component, grid leakage component, thermo-electronic component, photoelectronic component, and grid current caused by ionic emission from the cathode. The last three components can be counteracted effectively by treating the surfaces of the tube's envelope.

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Using ordinary radio...

with alcohol, coating with hydrophobic high-insulating material (e.g., amber varnish), installing the tube in a dark screen and maintaining the necessary surrounding temperature, etc. Since the potentials in the tube are usually low, the primary electronic component is small and can be ignored. The grid current is thus mainly affected by the ionic component and the ionic emission current. An effective method of reducing grid currents and converting the characteristics of standard tubes to the stable characteristics of electrometric tubes was devised. A voltage of 2.4 ± 0.1 v is applied to the heater of a 2P2P tube with the filaments connected in series. Simultaneously a voltage of 5-7 v is applied to the control grid, the other electrodes remaining free. Some 15-45 minutes of this treatment per tube are required to develop stable characteristics. The grid current then becomes no more than 10^{-11} amp, while divergence in anode current is 200 ± 50 amp. Whereas, previously, a drop in the power supply voltage to the 2P2P led to a shift in the anode-grid characteristics and to a change in its slope, after treatment there merely occurred a parallel shift in the characteristics (this makes for ease of compensation). Over 500 tubes processed by this method have given good

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Using ordinary radio...

results as regards both grid current and stability of the anode-grid characteristics. The proportion of rejects was also reduced: 90-95% of the tubes were now usable, as against 15-20% before treatment. The method could be used for other types of directly-heated tubes, in which case the voltage applied to the grid should be approximately 2-3 times the rated heater voltage. With simultaneous processing of many tubes connected in parallel, the treatment time can extend to several days. An increase in the processing time does not impair the tube's characteristics, but underprocessing might fail to give the desired effect. Processed 2P2P tubes in triode connection give good results as electrometric tubes in the following conditions: heater voltage 1.5-1.2 v; anode voltage 18-21 v; control grid voltage 0.5-0.6 v. Under these conditions the grid current does not exceed 10^{-11} amp, while the slope $S = 0.2 \pm 0.25$ ma/v. There is 1 figure.

Card 3/3

BOGOMLOVA, Ye.M.; SAAKYAN, S.A.; KOZAROVITSKIY, L.B.

Conditioned imitation reflexes in fishes. Trudy sov. Ikht.kom. no.8:
50-54 ' 58. (MIRA 11:11)

1. Kafedra fiziologii vysshey nervnoy deyatel'nosti Moskovskogo
universiteta imeni M.V. Lomonosova.
(Conditioned response) (Fishes--Habits and behavior)

ALEKSANYAN, A.M., BAKLAVADZHYAN, O.G., ORIGORYAN, F.E., AIRAPETIAN, A.A.
URJANDZHIAN, T.O., SAKEYAN, S.A.

"About the significance of the sympathetic nervous system and reticular
formation in the functions of the high divisions of the central nervous
system."

Report submitted, but not presented at the 22nd International
Congress of Physiological Sciences,
Leiden, the Netherlands 10-17 Sep 1962

SAAKYAN, S.A.

Effect of aminazine on conditioned reflex activity in dogs.
Zhur. eksp. i klin. med. 3 no.2:11-16'63. (MIRA 16:10)

1. Institut fiziologii imeni akademika L.A.Orbeli AN ArmSSR.
(CONDITIONED RESPONSE) (CHLORPROMAZINE)

SAAKYAN, S.A.

Effect of atropine on the formation of motor defensive
conditioned reflexes. Zhur.eksp.i klin.med. 4 no.5:3-9
'64. (MIRA 18:11)

1. Institut fiziologii imeni akademika L.A.Orbeli AN
Armyanskoy SSR.

SAAKYAN, Sh.N.

Theory of resolvents of a symmetric operator with infinite defect numbers. Dokl. AN Arm. SSR 41 no. 4:193-198 '65
(MIRA 19:1)

1. Institut matematiki i mekhaniki AN Armyanskoy SSR i Odesskiy inzhenerno-stroitel'nyy institut.

ACC NR: AP7005418

SOURCE CODE: UR/0020/66/169/006/1269/1272

AUTHOR: Kreyn, M. G.; Saakyan, Sh. N.

ORG: Odessa Construction Engineering Institute (Odesskiy inzhenerno-stroitel'nyy institut); Institute of Mathematics and Mechanics, AN ArmSSR (Institut matematiki i mekhaniki AN ArmSSR)

TITLE: Some new results in the theory of resolvents of hermitian operators

SOURCE: AN SSSR. Doklady, v. 169, no. 6, 1966, 1269-1272

TOPIC TAGS: Hilbert space, mathematic operator

ABSTRACT: Let \mathfrak{H} be a Hilbert space and A a certain simple closed Hermitian operator acting in \mathfrak{H} with domain of definition $D(A)$ dense in \mathfrak{H} and having equal defective numbers $n_+(A) = n_-(A) (\equiv n(A))$. It is assumed that $M_z = (A - zI) D(A)$ (so that $n(A) = \dim(\mathfrak{H} \ominus M_z)$, given $\text{Im } z \neq 0$). In 1943, independently of each other, M. A. NAYMARK and M. G. KREYN (the latter in an article published in 1944) obtained a description of all generalized resolvents of Hermitian operator A with $n(A) = 1$. Later these results were generalized by KREYN for the case of any natural $n(A)$ and by A. V. SHTRAUS for the case of any equal or unequal $n_{\pm}(A) \leq \infty$. However, it was only in the 1944 article by KREYN that a description was given of generalized resolvents by means of a resolvent matrix. This description was adapted by KREYN for purposes of the theory of integral Hermitian operators and the general theory of the representation of Hermitian operators; and the result was generalized by KREYN for the case of any natural $n(A)$, but this was never published.

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UDC: 513.88+517.948.35+517.948.5

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ACC NR: AP7005418

The present article sets forth the principal theses of the theory of a resolvent \mathcal{L} -matrix in the general case $n(A) < \infty$. Systematic use is made of the projector function $P(z)$ and the associated operator function $Q(z)$, which are generated by operator A and the subspace of representation \mathcal{L} , to write, in a new compact form, correlations which were previously established only for particular cases ($n(A) = 1$ or $n(A) < \infty$).

The authors thank Yu. L. SHMUL'YAN for the use of his records wherein are systematized communications by KREYN, dated 1957, pertaining to the case $n(A) < \infty$. This paper was presented by Academician P. S. Aleksandrov on 2 December 1965. Orig. art. has: 8 formulas. [JPRS: 38,695]

SUB CODE: 12 / SUBM DATE: 01Dec65 / ORIG REF: 013

Card 2/2

SAAKYAN, S.G.

Chemical and amino acid composition of the meat of broiler chickens.
Izv. AN Arm. SSR. Biol. nauki 16 no.9:33-37 S'63 (MIRA 17:7)

1. Nauchno-issledovatel'skiy institut zhivotnovodstva i veterinarii.

SAAKYAN, S.M.

A problem involving elastic equilibrium of a rectangular parallelepiped. Izv. AN Arm. SSR. Ser. fiz.-mat.nauk 18 no.5:31-38 '65. (MIRA 18:12)

1. Yerevanskiy politekhnicheskiy institut. Submitted Jan. 26, 1965.

SAAKYAN, S.M.

Bending of a rectangular thick plate with reinforced edges.
Dokl. AN Arm. SSR 40 no.3:137-142 '65.

(MIRA 18:12)

1. Yerevanskiy politekhnicheskiy institut im. K. Marksya.
Submitted November 5, 1965.

SAAKYAN, S.M.

Mixed problem concerning the elastic equilibrium of a rectangular prism. Dokl. AN Arm. SSR 41 no.2:81-87 '65. . (MIRA 18:11)

1. Yerevanskiy politekhnicheskiy institut. Submitted March 17, 1965.

GEL'FAND, M.S.; GLEYZER, G.D.; PETRAKOV, I.S.; PROSTOSERDOV, V.P.;
SAAKYAN, S.M. (Moskva)

Structure and content of the mathematics course in grades
9-11 of the evening (staggered) secondary general schools.
Mat. v shkole no.3:46-47 My-Je '62. (MIRA 15:7)
(Mathematics--Study and teaching)

BABLOYAN, A.A.; SAAKYAN, S.M.

Two problems concerning the equilibrium of a rectangular parallelepiped with mixed boundary conditions. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 17 no.6:27-46 '64. (MIRA 18:3)

1. Institut matematiki i mehaniki AN ArmSSR i Yerevanskiy politekhnicheskiy institut.

1. SAAKYAN, S. S.
2. USSR (600)
4. Soil Mechanics
7. Compression resistance of soil as a function of soil moisture. Mekh. i elek. sel'khoz. No. 2, 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Unclassified.

SAAKYAN, S.S., kandidat tekhnicheskikh nauk.

Skidding of a broad-rimmed drive wheel on a soft road. Mekh. i elek.sel'-
khoz. no.4:35-39 Ap '53. (MLRA 6:5)

1. Yerevan, Armyanskiy sel'skokhozyaystvennyy institut. (Wheels)

SAAKYAN, S.S., doktor tekhnicheskikh nauk.

Effect of the diameter of the stamp on the resistance of soil to
pressure. Sel'khozmashina no.5:14-17 My '54. (MLRA 7:5)
(Soil mechanics)

SAAKYAN, S.S.

Deformation of soil by the rolling of a rigid driving wheel. Izv.
AN Arm.SSR.Biol.i sel'khoz.nauki 7 no.11:13-28 N '54. (MLRA 9:8)

1. Armyanskii sel'skokhozyaystvennyy institut.
(Soil mechanics)

SAAKYAN, Smbat Saakovich, prof., doktor tekhn.nauk; MIRIMANYAN, Kh.,
otv.red.; CHAKHALYAN, TS., tekhn.red.

[Interaction between the soil and a driven wheel with a rigid
cylindrical rim] Vzaimodeistvie vedomogo kolesa (s zhestkim
tsilindricheskim obodom) i pochvy. Erevan, Izd-vo M-va sel'.khoz.
Armianskoi SSR, 1959. 239 p. (MIRA 13:10)

(Agricultural machinery--Wheels)

SAAKYAN, Sumbat Saakovich, prof.; ZHELIGOVSKIY, V.A., akademik, retsenzent; GUDKOV, A.N., prof., retsenzent; UL'YANOV, A.F., prof., retsenzent; LETNEV, B.Ya., red.; DEYEVA, V.M., tekhn. red.

[Agricultural machinery (design, theory, and calculations); machines for soil cultivation, seeding and planting, placement of fertilizers, control of pests and diseases of agricultural plants] Sel'skokhoz-
ziaistvennye mashiny (konstruktsii, teoriia i raschet); mashiny dlia
obrabotki pochvy, poseva i posadki, vneseniia udobrenii, dlia bor'-
by s vrediteliami i bolezniami sel'skokhozizastvennykh rastenii. Mo-
skva, Sel'khozizdat, 1962. 327 p. (MIRA 16:1)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk im. V.I. Lenina
(for Zheligovskiy). 2. Volgogradskiy sel'skokhozyaystvennyy institut
(for Gudkov). 3. Saratovskiy institut mekhanizatsii i elektrifikatsii
sel'skogo khozyaystva im. Kalinina (for Ul'yanov). (Agricultural machinery)

SAAKYAN, Sumbat Saakovich

[Farm machinery; its design, theory, and calculation: machines for field cultivation, sowing and planting, fertilizer application , and control of pests and plant diseases] Sel'skokhoziaistvennye mashiny; konstruktsiya, teoriya i raschet: mashiny dlia obrabotki pochvy, poseva i posadki, vnesenia udobrenii, dlia bor'by s vrediteliami i bolezniami sel'skokhoziaistvennykh rastenii. Moskva, Izd-vo sel'khoz.lit-ry, zhurnalov i plakatov, 1962. 327 p.

(MIRA 16:5)

(Agricultural machinery)

KARAGEZYAN, K.G.; SAAKYAN, S.S.

Effect of various doses of adrenaline and gamma aminobutyric acid on the arteriovenous difference in blood clotting, prothrombin time and thromboplastic activity. Vop. biokhim. moz. 1:163-172 '64. (MIRA 18:9)

1. Institut biokhimii AN ArmSSR.

SAAKYAN, T.A.

Character inheritance in the hybrid progeny of cotton pollinated
with a mixture of pollen. Nauch.trudy Erev.un. 64:197-202
'58. (MIRA 11:12)

1. Mafedra darvinizma i genetiki Yerevanskogo gosudarstvennogo
universiteta. (Cotton breeding)

SAAKYAN, T.A.

Effect of different variants of intragenetic crossing on the
length of the vegetative period, vitality, and certain economic
features of cotton variety 108-F and 1298. Izv. AN Arm. SSR. Biol.
nauki 12 no.12:79-87 D '59. (MIRA 13:6)
(COTTON--VARIETIES)

SAAKYAN, T.A.

Effect of various methods of intravarietal crossing on certain economically important features of cotton. Nauch. trudy Erev. un. 69 Ser. biol nauk no. 8:149-154 pt. 1 '59. (MIRA 14:4)

1. Kafedra darvinizma i genetiki Yerevanskogo gosudarstvennogo universiteta.

(COTTON BREEDING)

SAAKYAN, T.A.

Effect of a mixture of pollen on the inheritance of characters in
the first and second filial generations of the cotton plant. Izv.
AN Arm. SSR. Biol. nauki 14 no.1:23-29 Ja '61. (MIRA 14:3)
(COTTON BREEDING)

SAAKYAN, T.A.

Study of some mechanical and biochemical indices in cottonseed.
Izv. AN Arm. SSR. Biol. nauki 14 no.7:43-47 Ji '61. (MIRA 14:9)
(COTTONSEED)

SAAKYAN, T.A.

Embryological study of the process of fertilization in cotton using
various pollination methods. Izv. AN Arm.SSR. Biol.nauki 15 no.7:59-
65 Jl '62.
(MIRA 15:11)

1. Kafedra darvinizma i genetiki biologicheskogo fakul'teta
Yerevanskogo gosudarstvennogo universiteta.
(FERTILIZATION OF PLANTS) (COTTON)

SAAKYAN, T.A.

Some embryological data on the process of cotton fertilization.
Izv. AN Arm. SSR. Biol. nauki 18 no.6:14-22 Je '65.
(MIRA 18:9)

SAAKYAN, T.B.

Study of cultivation practices for Persian clover in Armenia
[in Armenian with summary in Russian]. Izv. AM Arm. SSR. Biol.i
sel'khoz.nauki. 5 no.1:99-103 '52. (MIRA 9:8)
(Armenia--Clover)

SMBATYAN, A.T.; SAAKYAN, T.B.

Annual forage plants and prospects for growing them in Armenia.
Izv. Akad. Arm. SSSR. Biol. i sel'khoz. nauki. 5 no.8:35-47 '52. (MLRA 9:8)

1. Institut polevogo i lugovogo kormodobyyvaniya Ministerstva sel'skogo khozyaystva Armyanskoy SSR.
(Armenia--Forage plants)

SAAKYAN, V.

L.

USSR/Meadow Science.

Abs Jour : Ref Zhur - Biol., No 4, 1958, 15450

Author : Vardan Saakyan

Inst : Yerevan State Pedagogical Institute.

Title : The Dynamics of Growth of Mass and Individual Nutrients
of the Grasses in the Mountainous Pastures of Little
Caucasia and the Problems Involved in Their Rational
Utilization.

(Dinamika narastaniya massy i otdel'nykh pitatel'nykh
veshchestv travostoyan gornykh pastbishch Malogo Kavkaza
i voprosy ikh ratsional'nogo ispol'zovaniya).

Orig Pub : Sb. nauchn. tr. Yerevansk. gos. ped. in-t, 1955, No 5,
85-126

Abstract : No abstract.

Card 1/1

SAAKYAN, V., inzh.

Building mortars made with scoriae. Prom.Arm. 5 no.1:38-43 Ja '62.
(MIRA 15:2)
(Armenia--Volcanic ash, tuff, etc.) (Mortar)

SAAKYAN, V.

Department of Technical Control is the main line in the fight
for production quality. Prom.Arm. 7 no.1:36-38 Ja '64.
(MIRA 17:4)

1. Nachal'nik inspeksii po kachstvu promyshlennoy produktsii
Soveta narodnogo khozyaystva Armyanskoy SSR.

L 10567-66 EWT(l)/EWT(m)/T/EWP(t)/EWP(b) IJP(c) JD/AT
ACC NR: AP5025408 SOURCE CODE: UR/0181/65/007/010/3136/3138
57

AUTHOR: Saakyan, V. A.; Devyatkova, Ye. D.; Smirnov, I. A. *54*

ORG: Institute of Semiconductors AN SSSR, Leningrad (Institut poluprovodnikov AN SSSR) *44, 55*

TITLE: Determining the high-temperature width of the forbidden band in PbTe *21, 44, 55* *27 - 1*

SOURCE: Fizika tverdogo tela, v. 7, no. 10, 1965, 3136-3138

TOPIC TAGS: semiconductor research, lead compound, telluride, polycrystal, forbidden zone width, semiconductor theory

ABSTRACT: The authors measure and calculate E_g for polycrystalline specimens of lead telluride in the 400-700°K temperature range. Ordinary powder metallurgy methods were used for producing *n*- and *p*-type specimens with current carrier concentrations of $\sim 5 \cdot 10^{18}$ and $\sim 1.7 \cdot 10^{18} \text{ cm}^{-3}$ respectively. The formula used for calculating the width of the forbidden band is given. The calculated data are used for plotting $E_g(T)$. The curve is compared with the data obtained by other authors using various methods. Satisfactory agreement is observed. The change in E_g with temperature is

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L 10507-66

ACC NR: AP5025408

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close to $4 \cdot 10^{-4}$ electron volts per degree. It is pointed out that calculation for the case of *p*-PbTe is complicated by the presence of two bands with light and heavy holes. The authors are grateful to B. Ya. Mozhes for discussing the results. Orig art. has: 1 figure, 1 formula. 44,55

SUB CODE: 20/ SUBM DATE: 24May65/ ORIG REF: 005/ OTH REF: 007

beh
Card 2/2

L 05833-67 EWT(d)/EWT(m)/EWP(w) IJP(c) EM

ACC NR: AP6028215

SOURCE CODE: UR/0430/66/019/001/0037/0050

AUTHOR: Saakyan, V. G.

33

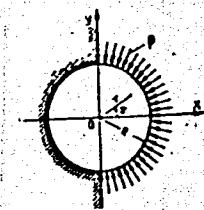
ORG: Yerevan Polytechnical Institute im. K. Marx (Yerevanskiy politekhnicheskiy institut)

TITLE: A plane problem in elasticity theory for a circle with mixed boundary conditions

SOURCE: AN ArmSSR. Izvestiya. Mekhanika, v. 19, no. 1, 1966, 37-50

TOPIC TAGS: elasticity theory, mixed boundary value problem, elastic stress, stress analysis, stress distribution

ABSTRACT: The author solves a plane problem in elasticity theory for a circle subjected to a uniformly distributed radial load of intensity p on the angular segment between $-\pi/2$ and $+\pi/2$ where there are no radial displacements in the remaining section between $\pi/2$ and $3\pi/2$ and no tangential stresses anywhere on the contour (see figure). The solution is reduced to examination of an infinite system of linear algebraic equations. A method is described for determining the coefficients in systems of this type and the problem is solved for



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L 05833-67

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 the case where the Poisson bracket is zero. The problem may be reduced to the law of load distribution (symmetric with respect to the x-axis) if the order of the free terms is less than $1/n^3$. Orig. ref. has: 2 figures, 6 tables, 55 formulas.

SUB CODE: 20/ SUBM DATE: 06May65/ ORIG. REF: 007

Card 2/2 egh

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610013-5

SMIRNOV, N.P., vitse-admiral; STAROV, V.N., kapiten 1-go rangu

(reasonably applying a new method. Nor. sbor. 47 no. 54-60
(MERA 12.7)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610013-5"

ROZHKOVA, Ye.V.; SHCHERBAK, O.V.; SAAKYAN, V.M.

Role of sorption in the zinc concentration in sedimentary rocks.
Min.syr'e no.6:61-74 '62. (MIRA 16:4)
(Sorption) (Ore deposits) (Rocks, Sedimentary)

SAAKYAN, V.M.

Role of a subvolcanic massif in the formation of vein-disseminated
ores. Izv. AN Arm.SSR. Geol.i geog.nauki 16 no.4/5:173-176 '63.

SAAKYAN, V. O.

✓ The possibility of partial substitution of portland cement
in concrete and mortar by limestone-pumice cement.
V. O. Sunkyan. Izvest Akad Nauk Armyan. S.S.R., fiz.
mat., estestven. i Tekh. Nauki 9, No. 6, 85-93 (1950) (in
Russian; Armenian summary, p3). Expts. showed that in
mortar and concrete, portland cement can be replaced by
20% limestone-pumice cement, and in mortar, by 20% lime
residue from calcium carbide. M. Charinadurian

walls

SAAKYAN, V.O.

Slaggy lavas used as aggregates for lightweight concrete. Izv.AN
Arm.SSR.Ser.tekh.nauk 10 no.3:59-68 '57. (MIRA 10:10)

1. Institut stroymaterialov i sooruzheniy AN Armyanskoy SSR.
(Lightweight concrete) (Lava)

SAAKYAN, V.O.

Investigating hydraulic properties of volcanic cinders and the
possibility of their utilization in building. Izv. AN ArmSSR.
Ser. tekhn. nauk 11 no.1:55-59 '58. (MIRA 11:4)

1. Institut stroymaterialov i sooruzheniy AN ArmSSR.
(Armenia--Volcanic ash, tuff, etc.)

SAAKYAN, V.O.; CHERKINSKAYA, R.L., red.izd-va; GOLUBKOVA, L.A., tekhn.
red.; BOROVHEV, N.K., tekhn.red.

[Using volcanic slags as lightweight concrete aggregates]
Vulkanicheskie shlaki kak zapolnitel' dlia legkikh i obleg-
chennykh betonov. Moskva, Gos.izd-vo lit-ry po stroit.,
arkhit. i stroit.materialam, 1959. 73 p. (MIRA 12:11)
(Lightweight concrete) (Volcanic ash, tuff, etc.)

SAAKYAN, V.O.

Volcanic slags as a building material. Trudy Arm. inst. stroimat.
i soor. no.1:123-142 '59. (MIRA 14:12)
(Armenia--Volcanic ash, tuff, etc.)
(Aggregates (Building materials))

SAAKYAN, V., kand.tekhn.nauk

Using scoriae of the Avan and Karmrashen deposits as building
materials. Prom.Arm. 4 no.1:10-14 Ja '61. (MIRA 14:6)
(Armenia--Volcanic ash, tuff, etc.)
(Building materials)

SAAKYAN, V., inzh.

Waterproofness and frost resistance of hydraulic concrete made with
volcanic slag. Prom.Arm. 5 no.9:29-31 S '62. (MIRA 15:9)
(Armenia—Concrete—Testing) (Armenia—Slag)

RADKEVICH, P.Ye., prof.; DERIPASKO, P.G.; DMITRIYEVSKIY, L.M.; DAVYDOV, G.D.
SAAKYAN, V.Sh.; FINK, Ye.G.; ATOYAN, P.G., vetvrach.

Poisoning of cattle by corn silage contaminated by pathogenic fungi.
(MIRA 11:3)
Veterinariia 35 no.4:79-81 Ap '58.

1. Vsesoyuznyy institut eksperimental'noy veterinarii (for Radkevich).
 2. Nachal'nik vetotdela (for Deripasko). 3. Starshiy vetvrach vetr-
otdela Groznenskogo oblast'khozupravleniya (for Dmitriyevskiy).
 4. Direktor oblvetbaklaboratorii (for Davydov). 5. Zaveduyushchiy
khimicheskim otdelom (for Saakyan). 6. Glavnyy vetvrach Groznenskogo
rayona (for Fink). 7. Kolkhoz imeni 1-go Maya (for Atoyan).
- (Cattle—Diseases and pests)

ZAPOROZHETS, Lev Nikolayevich; SAAK'YAN, Yu.A., red.

[Comprehensive mechanization of work; block construction
of residential areas] Kompleksnaia mekhanizatsiia rabot;
kvartal'naia zastroika zhilykh massivov. Rostov-na-
Donu, Rostovskoe knizhnoe izd-vo, 1961. 38 p.
(MIRA 17:8)

CHUCHENKO, Stefan Petrovich; SKRAMTAYEV, B.G., prof., doktor tekhn.
nauk, retsenzent; BUTT, Yu.M., prof., doktor tekhn. nauk,
retsenzent; BOGDANOV, N.S., prof., doktor tekhn. nauk,
retsenzent; SAAK'YAN, Yu.A., red.; BOROVINSKAYA, L.M.,
tekhn. red.

[Reinforced concrete without thermal treatment] Zhelezobeton
bez teplovoi obrabotki. Rostov-na-Donu, Rostovskoe knizhnoe
izd-vo, 1962. 93 p. (MIRA 16:3)

1. Deystvitel'nyy chlen Akademii stroitel'stva i arkhitektury
SSSR(for Skramtayev). 2. Moskovskiy khimiko-tehnologicheskiy
institut (for Butt).
(Precast concrete)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610013-5

KURNYCHEV, Yevgeniy Fedorovich; TRUNIN, N.P., dots., retsenzent;
SAAK'YAN, Yu.A., red.; BOROVINSKAYA, L.M., tekhn. red.

[Handbook for the adjusters of machine tools] V pomoshch'
nastroishchiku metallorezhushchikh stankov. Rostov-na-Donu,
Rostovskoe knizhnoe izd-vo, 1963. 122 p. (MIRA 16:10)
(Machine tools)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610013-5"

DEZHIN, Yuriy Vyacheslavovich; ZURANDZHI, V.A., dots., kand.
tekhn. nauk, nauchn. red.; SAAK'YAN, Yu.A., red.

[Pile foundations for large-panel buildings on sagging
soil in Rostov Province] Svainye fundamenti krupnopanel'-
nykh zdanii v usloviakh prosadochnykh grunter Rostovskoi
oblasti. Rostov-na-Donu, Rostovskoe knizhnoe izd-vo,
1964. 45 p. (MIRA 18:3)

"APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610013-5

SAAK'YAN, Yu.A.; BURENNOV, F.S., red.

[Chemistry on the Don] Khimiia na Donu. Rostov-na-Donu,
Rostovskoe knizhnoe izd-vo, 1964. 113 p. (MIRA 17:11)

APPROVED FOR RELEASE: 08/23/2000

CIA-RDP86-00513R001446610013-5"

ZELENOV, Aleksandr Ivanovich; SAAK'YAN, Yu.A., red.

[Welding and hard facing of malleable cast iron] Svarka
i naplavka kovkogo chuguna. Rostov-na-Donu, Rostovskoe
knizhnoe izd-vo, 1964. 114 p. (MIRA 17:10)

BARANNIKOV, Mikhail Andreyevich; SHEVCHENKO, V.S., inzh.,
retsenzent; SAAK'YAN, Yu.A., red.

[Welding of plastics] Svarka plastmass. Rostov-na-Donu,
Rostovskoe knizhnoe izd-vo, 1964. 166 p. (MIRA 18:4)

RYZHENKO, Fedor Ivanovich; BERCHIYAN, R.G., kand. tekhn. nauk
nauchn. red.; SAAK'YAN, Yu.A., red.

[Repair of residential buildings] Remont zhilykh zdaniy.
Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1964. 324 p.
(MIRA 18:12)

BEREZIN, Vladimir Aleksandrovich, kand. ekon. nauk; ZHDANOV,
Yuriy Andreyevich, doktor khim. nauk, rektor; SAAK'YAN,
Yu.A., red.; BUBENOV, F.S., red.

[New possibilities of chemistry] Novaia vozmozhnost' kimi-
mii. Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1965. 71 p.
(MIRA 18:8)

1. Rostovskiy gosudarstvennyy universitet (for Zhdanov).
2. Direktor Rostovskogo khimicheskogo zavoda kommunisticheskogo
truda im. Oktyabr'skoy revolyutsii (for Berezin).

ZHUKOVETS, Valentina Iosifovna; SAAK'YAN, Yu.A., red.

["Builder" is an honorable title] Stroitel' - pochetnoe
zvanie. Rostov-na-Donu, Rostovskoe knizhnoe izd-vo, 1962.
18 p. (MIRA 18:5)

RODOV, Abram Solomonovich; KRUTYANSKIY, David Il'ich; SAAK'YAN,
Yu.A., red.

[Plan, flow, and rhythm] Plan, potok, ritm. Rostov-na-
Donu, Rostovskoe knizhnoe izd-vo, 1964. 70 p.
(MIRA 18:8)

FEYGIN, Isaak Moiseyevich; SIAK'YAN, Yu. A., red.

[The slide rule] Logarifmicheskata lineika. Postsov-na-
cheskaya, Rostovskoe knizhnoe izd-vo, 1964. 100 p.
(MIRA 18:8)